

**PART I - THE SCHEDULE**  
**SECTION C - DESCRIPTION/SPECIFICATION/WORK STATEMENT**  
**Kemp Run STEWARDSHIP PROJECT – Project 002**  
**Wildlife Opening Rehabilitation**  
**ALLEGHENY NATIONAL FOREST**

**DIVISION 100 - GENERAL SPECIFICATIONS**

**110 - Scope of Contract**

This contract calls for:

Plowing or modified (plow or double) disking, regular disking, seeding, liming, using a cultipacker or pulvi-mulcher and mulching 10 acres of nine existing wildlife openings.

The completed sites will be expected to grow a dense cover of grasses and legumes that can be easily mowed using standard equipment. Some sites will require the protection and retention of specific trees, shrubs, improvements, trails, oil/gas facilities, pipelines, water courses, moist soils, nesting structures, or fence cribs. The Contractor shall furnish all transportation, supervision, labor, materials and equipment necessary to complete the contract. Access to sites will be reconstructed (if necessary) to their original condition.

**120 - Location and Description of Areas**

**Site 864-074 (Lease road off FR 235)**

- Site 864-074 is 1.0 acre in size and is located off a lease road east of FR 235 in Warrant 1778, Highland Township, Elk County.

This work site is an established herbaceous opening having a rectangular shape. Its southern border follows the edge of a high-tension power-line. The contractor is expected to maintain the existing shape of the opening. The opening can be reached by following a short, slightly steep woods road off a lease road. This access road also lies along the eastern border of the unit.

The treatment area is relatively flat. A small spring bisecting the northern third of work site should be avoided as directed by the Contract COR or inspector. The narrow access road on the eastern border should be used to cross the spring. A small (obvious) rocky area in the southern section (near the power-line) should not be treated. The opening is marked with yellow flagging at the corners and along its perimeter.

Contractor will prepare seedbed as indicated, following technical specifications outlined in Division 200.

Site 864-074 is located on the east side of FR235 off a lease road near the high-tension power-line. Following a map showing lease roads is essential to finding this area as this site is located on the east side of the old Sackett water-flood (ARG lease) development. Old log landings, cleared edges of well openings, or one corner of the work site could be used to stage materials.

**Site 872-029E (FR 134C – eastern opening)**

- Site 872-029E is a 2.0 acre opening on the high-tension power-line southeast off FR235C in Lot 17 of Warrant 1776, Highland Township, Elk County.

This site is an established herbaceous opening that has a rectangular shape. The contractor is expected to maintain the existing shape of the opening. The terrain is a gentle slope with a southeast exposure. The southeast border across the power-line lies just before the slope breaks considerably. The northern corner of the unit follows FR 134C for a short distance. There are no ‘out’ or ‘reserve’ spots in the work unit but depth of disking may be limited in some areas by shallow rocky soil. Since the work site lies within the power-line corridor, only the corners of the opening are flagged with yellow flagging. Do not be confused by other oil/gas flagging (pink, blue, white, etc.) in this area.

Contractor will prepare seedbed as indicated, following technical specifications outlined in Division 200.

Site 872-029E is located on the southeast side of FR134C. Access to the site is from FR134, a gated road. Areas along FR134C and within the power-line corridor could be used to stage materials.

**Site 872-029W (FR 134C – western opening)**

- Site 872-029W is 1.0 acre in size and located northwest of the end of FR134C in Lot 17 of Warrant 1776, Highland Township, Elk County.

This site is an established herbaceous opening that has a rectangular shape. The contractor is expected to maintain the existing shape of the opening. The terrain is relatively flat. There are no ‘out’ or ‘reserve’ spots in the work unit but depth of disking may be limited in some areas by shallow rocky soil. There are 3 or 4 spots where large rocks emerge and break the surface. The rocks should be avoided and not try to move. Since the work site lies within the power-line corridor, only the corners of the opening are flagged with yellow flagging.

Contractor will prepare seedbed as indicated, following technical specifications outlined in Division 200.

Site 872-029W is located northwest off the end of FR134C. Access to the site is from FR134, a gated road. The end of FR 134C or any suitable site on the power-line could be used to stage materials. This opening is located approximately 1/3 mile from work site 872-029e.

**Site 873-050 (Lease road off FR 235)**

- Site 873-050 is 0.7 acre in size and located off a lease road east of FR 235 in the corner of Warrant 1465, Highland Township, Elk County.

This site is an established herbaceous opening that has an irregular boundary. The contractor is expected to maintain the existing shape of the opening. The terrain is relatively flat to a gentle slope. The opening is marked with yellow flagging along its perimeter.

Contractor will prepare seedbed as indicated, following technical specifications outlined in Division 200.

Site 873-050 is located along the east of FR235 off a lease road. Access to the site is from a section of FR 235 that is an open road. Following a map showing lease roads is essential to finding this area as this site is located within the old Sackett water-flood (ARG lease) development. An old log landing or the access point leading into the unit off the lease road could be used to stage materials.

**Site 873-051 (Lease road off FR 235)**

- Site 873-051 is 0.6 acre in size and located off a lease road west of FR 235 in Lot 5 in Warrant 1776, Highland Township, Elk County.

This site is an established herbaceous opening that has an irregular boundary. The contractor is expected to maintain the existing shape of the opening. The terrain is a gentle slope toward the lease road. The opening is marked with yellow flagging along its perimeter. An area of previously discarded stumps and rocks (piled high) located along the western border of the opening should be avoided during treatment.

Contractor will prepare seedbed as indicated, following technical specifications outlined in Division 200.

Site 873-051 is located off a lease road west of FR 235. Access to the site is from a section of FR 235 that is an open road. Following a map showing lease roads is essential to finding this area as this site is located within the old Sackett water-flood (ARG lease) development. A corner of the opening along the lease road could be used to stage materials.

### **Site 873-052 (Off the end of FR 235)**

- Site 873-052 is 2.5 acres in size and located southeast off the end of FR 235 in Warrant 1831, Highland Township, Elk County.

This site is three established herbaceous openings (with connecting points) that have somewhat irregular borders. The contractor is expected to maintain the existing shape of each opening and use a single point (rather than multiple entry points) to travel from one opening to another. The terrain ranges from gentle to moderately steep slope. Any individual and groups of trees found in the openings should be avoided and roots protected as directed by the Contract COR or inspector. The three connected openings are marked with yellow flagging along their perimeters.

Contractor will prepare seedbed as indicated, following technical specifications outlined in Division 200.

Site 873-052 is located approximately 1/3 mile southeast off the end of FR 235. Access to the work unit(s) is from an old skid trail leading from the end of FR 235 heading south to an old clear-cut then turn east for about 150 feet to the opening(s). An alternative route uses a portion of the old skid trail heading south off the end of FR 235 then follows another skid trail that heads southeast to the work site(s). Either route is acceptable. The end of the old skid trail could be used to stage materials. Access to the work site is from a section of FR 235 that is a gated road, but lease operators have trouble keeping it locked (so the contractor may find the gate open most of the time).

### **Site 873-053 (FR 235A)**

- Site 873-053 is 0.5 acre in size and located along FR 235A approximately 0.35 miles east from the intersection with FR 235 in Lot 20 of Warrant 1776, Highland Township, Elk County.

The work site is an established herbaceous opening that has an irregular shape. The contractor is expected to maintain the existing shape of the opening. The terrain is relatively flat. Any individual and groups of trees found in the opening should be avoided and roots protected as directed by the Contract COR or inspector. The soil is moderate to poorly-drained so operating during a dry period is recommended to avoid excessive rutting and compaction. The opening is marked with yellow flagging.

Contractor will prepare seedbed as indicated, following technical specifications outlined in Division 200.

Site 873-053 is located along FR 235A. Access to this work site is provided by a section of FR 235 that is a gated road, but lease operators have trouble keeping it

locked. An old log landing (nearby) or a corner of the unit next to FR 235A could be used to stage materials.

#### **Site 874-057 (FR 104 - northern opening)**

- Site 874-057 is 0.7 acre in size and located along FR 104 in Lot 4 of Warrant 1776, Highland Township, Elk County.

This work site is an established herbaceous opening that has a rectangular shape. The contractor is expected to maintain the existing shape of the opening. The terrain has generally flat to gentle slope. The opening is marked with yellow flagging along its perimeter. FR 104 serves as the northern border. A dispersed camping site is located nearby in a patch of hemlocks (west of unit). The camp site should be avoided. Borders of the work site are marked with yellow flagging.

Contractor will prepare seedbed as indicated, following technical specifications outlined in Division 200.

Site 874-057 is located along FR 104. Access from FR 234 and FR 104 also uses a segment of lease road to reach this opening. Following a map showing lease roads is essential to finding this area as this site is located within the old Sackett water-flood (ARG lease) development.

#### **Site 874-058 (FR 104 - southern opening)**

- Site 874-058 is 1.0 acre in size and located along FR 104 in Lot 4 of Warrant 1776, Highland Township, Elk County.

This work site is an established herbaceous opening that has a rectangular shape. The contractor is expected to maintain the existing shape of the opening. A lease road serves as the eastern and southern borders. The terrain is relatively flat. Piles of stumps and rocks from the original construction along the western border should be avoided. The opening is marked with yellow flagging along its perimeter.

Contractor will prepare seedbed as indicated, following technical specifications outlined in Division 200.

Site 874-058 is located along FR 104. Access from FR 234 and FR 104 also uses a segment of lease road to reach this opening. Following a map showing lease roads is essential to finding this area as this site is located within the Sackett water-flood (ARG lease) development.

### **130 - Equipment furnished by the Contractor**

**131** - The contractor will provide required lime, seed and mulch (See specification 250). The contractor will be required to retain and submit all weight tickets, bills of sale for seed mixtures and mulch, and empty lime and seed bags.

#### **140 - Contractor Representative**

The contractor or authorized representative will be at the site whenever work is in progress. In the absence of the contractor, the authorized representative will receive instructions from the contracting officer or contracting officer representative. If the contractor designates a person to act for him/her in their absence, or subcontracts, that person will be knowledgeable with all contract requirements.

#### **150 – Protection of Existing Structures**

The Contractor shall be required to protect existing improvements such as roads (including system, oil/gas lease, woods or skid trails), pipelines, motorized trails, power lines (buried or above ground), buildings, gates, fences, plantings, nesting structures, oil/gas equipment, etc., which are located in the project areas. The Contractor shall be required to repair or replace such improvements if damaged as a result of their operations. This includes replacing and re-seeding water bars and earthen barricades, roadside ditches, culverts and signs if disturbed as a result of this contract.

#### **160 – Progression of Work**

**161-** Time of Performance. In order to have the best chance of establishing adequate ground cover, the contractor shall complete field operations between April 1, 2014 to May 15, 2014 and/or August 15, 2014 to September 30, 2014 and/or April 1, 2015 to May 15, 2015.

The Contractor is required to inform the COR or Contract Inspector of where and when work will commence.

**162** – The Contractor is required to inform the COR or Contract Inspector of the completion of seedbed preparation on each site so that site inspections can be made prior to the application of lime, seed and mulch.

**163** – To avoid damaging sensitive or valuable resources the Contractor is required to halt operations and contact the COR or Contract Inspector and have the issue resolved on site if: the site appears inconsistent with instructions or maps, boundaries are questionable, requirements or restrictions are unreasonable, unreported water courses or wetlands are found on site, or should soils become too wet or rocky to complete the site safely and without damaging the resource(s).

## **DIVISION 200 – TECHNICAL SPECIFICATIONS**

### **210 – Plowing and Disking**

**211** – Except for a limited number of residual trees, these work sites have been previously cleared of standing trees. Avoid and protect any hemlock, fruit trees or residual live or dead trees that occur within the boundary of each opening, unless discussed with the COR or Contract Inspector.

**212** – Rocks and any logging debris must be removed so the site can be plowed and disked for seedbed preparation. All debris must be moved to the perimeter of the opening, unless specified otherwise. Rocks will be removed within the reasonable capabilities of the contractor's equipment. Surface stone, logging debris, roots and sod will be removed or tilled under to expose mineral soil over the entire site.

### **220 – Grading and Leveling**

Sites will be graded and leveled to a standard that will allow a 2-wheel drive vehicle to traverse the site without difficulty, under normal moisture conditions.

### **230 – Site Exclusions (no treatment - avoid area)**

#### **Work Site**

**864-074** - a small spring bisecting the northern third of work site should be avoided and a small (obvious) rocky area in the southern section should not be treated

**872-029E** - depth of disking may be limited in some areas by shallow rocky soil and buffer any utility poles

**872-29W** - depth of disking may be limited in some areas by shallow rocky soil, 3 or 4 large rocks that emerge and break the surface should be avoided and not try to move, and buffer any utility poles

**873-051** - an area of discarded stumps and rocks (piled high) located along the western border should be avoided

**837-052** - use a single point (rather than multiple entry points) to travel from one opening to another. Any individual and groups of trees found in the openings should be avoided and roots protected

**873-053** - any individual and groups of trees found in the opening should be avoided and roots protected. The soil is moderate to poorly-drained so operating during a dry period is recommended

**874-057** - a dispersed camping site located nearby should be avoided

**874-058** - piles of stumps and rocks from the original construction along the western border should be avoided.

### **240 - Seedbed Preparation**

#### **244 – All Sites**

All sites will be plowed or modified (plow or double) disked to a depth of 6 to 7 inches to turn over existing grass/sod and expose mineral soil. Each site will be disked a minimum of three times. Allowances in plow/disk depth are anticipated in rocky areas with shallow soils. After disking, the lime will be applied and the site will be disked again. Seed will be applied, a cultipacker/pulvi-mulcher will be used on the entire site and the mulch will be spread.

**245** – Any water bars or dirt mounds removed for access must be rebuilt and reseeded.

**246** - Questionable areas will be resolved on the ground between the Contractor Officer Representative (COR) and the Contractor.

#### **250 - Seeding**

**Sites must be seeded, mulched and a cultipacker/pulvi-mulcher used within 3 to 5 days after disking is completed.** To delay this work due to weather or other factors, prior agreement with the COR or Contract Inspector is required. The following seed and soil amendments are to be applied:

##### **Seed for All Sites –**

###### *Cover crop*

Oats (clean and tested) (*Avena sativa*) 2 bushels (approx. 64 lbs/acre)

###### *Legume*

Partridge pea (*Chamaecrista fasciculata*) 3 oz./ acre

Alsike clover (*Trifolium hybridum*) 5 lbs/acre

Ladino clover (*Trifolium repens*) 5 lbs/acre

###### *Wildflowers*

Common milkweed (*Asclepias syriaca*) 2 oz/ acre

Purple coneflower (*Echinacea purpurea*) 4 oz/ acre

Blue vervain (*Verbena hastata*) 2 oz/ acre

**Lime For All Sites** - 6000 lbs/ acre of agricultural or grey lime

**Straw Mulch For All Sites** – 1 ton/ acre or 57/35-lb. bales of straw

**Fertilizer** – 300 lbs/ acre of 10-20-20

#### **260 - Cultural Resource Avoidance**

Cultural Resource Surveys have been conducted for these project areas. There are no known sites within these areas. If during the execution of this contract the



operator unearths a site, work must cease in the general area and the Contract Inspector or COR notified immediately.

## **270 - Special Requirements**

Sites will not be operated during wet weather conditions. Access to sites will be established by Contract COR or Inspector.

Seed samples and weigh slips for each site will be supplied by the contractor.

Contractor is responsible for calling PA 1-Call (1-800-242-1776) and adhering to those procedures before work begins at a site.

## **290 - Safety**

It is recommended that the successful Contractor utilize appropriate personal protective safety equipment/clothing per OSHA regulations, which may include, but is not limited to, a hard hat, leg protection, ear protection, eye protection, and hand protection, while working in the project area.

## **291 – Equipment Clean-up**

Contractor shall ensure that prior to moving any equipment to a work site, between work sites, and from the Allegheny National Forest, that all plowing/seeding equipment, such as but not limited to: tractors, plows, discs, mulchers, and shovels, are free of soil, seeds, vegetative matter or other debris that could contain or hold seeds. Off-road equipment used for transport of materials such as ATV's and trailers shall also be free of soil, seeds, vegetative matter or other debris that could contain or hold seeds. Equipment shall be considered free of soil, seeds and other such debris when a visual inspection does not disclose such material. Disassembly of equipment components or specialized inspection of tools is not required. Cleaning of equipment on-site may entail brushing or hosing off with compressed air. The use of water and/or detergents or other cleaning agents are not to be used unless they are used at a car wash or other facility equipped for water catchment and treatment. Equipment is not to be cleaned in streams, ditches or other waterways.